

DT14 Rec'D PCT/PTO 22 NOV 2004

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Dated: November 19, 2004

Signature:

(Mary Jane DiPalma)

Docket No.: VOSS-P01-011
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Brors et al.

Application No.: 10/509275

Confirmation No.: Not Yet Assigned

Filed: September 27, 2004

Art Unit: Not Yet Assigned

For: METHOD AND SYSTEM FOR
DETERMINING ABSOLUTE MRNA
QUANTITIES

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date (37 CFR 1.97(b)(1)).

A copy of each reference on the PTO/SB/08 is attached.

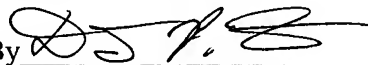
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. VOSS-P01-011.

Dated: November 19, 2004

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/509275	
			Filing Date	September 27, 2004	
			First Named Inventor	Benedikt Brors	
			Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	2	Attorney Docket Number	VOSS-P01-011

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Bustin, "Absolute Quantification of mRNA Using Real-time Reverse Transcription Polymerase Chain Reaction Assays," Journal of Molecular Endocrinology 25:169-193 (2000)	
	CB	Case-Green et al., "Analysing Genetic Information with DNA Arrays," Current Opinion in Chemical Biology 2:404-410 (1998)	
	CC	Chen et al., "Ratio-based Decisions and the Quantitative Analysis of cDNA Microarray Images," Journal of Biomedical Optics 2(4):364-374 (1997)	
	CD	Chudin et al., "Assessment of the Relationship Between Signal Intensities and Transcript Concentration for Affymetrix GeneChip® Arrays," Genome Biology 3(1):0005.1-0005.10 (2001)	
	CE	DeRisi et al., "Exploring the Metabolic and Genetic Control of Gene Expression on a Genomic Scale," Science 278:680-686 (1997)	
	CF	DeRisi et al., "Use of a cDNA Microarray to Analyse Gene Expression Patterns in Human Cancer," Nature Genetics 14:457-460 (1996)	
	CG	Duggan et al., "Expression Profiling Using cDNA Microarrays," Nature Genetics Supplement 21:10-14 (1999)	
	CH	Eickhoff et al., "Normalization of Array Hybridization Experiments in Differential Gene Expression Analysis," Nucleic Acids Research 27(22):i-iii (1999)	
	CI	Freeman et al., "Quantitative RT-PCR: Pitfalls and Potential," BioTechniques 26(1):112-125 (1999)	
	CJ	Golub et al., "Molecular Classification of Cancer: Class Discovery and Class Prediction by Gene Expression Monitoring," Science 286:531-537 (1999)	
	CK	Hegde et al., "A Concise Guide to cDNA Microarray Analysis," BioTechniques 29:548-562 (2000)	
	CL	Hughes et al., "Expression Profiling Using Microarrays Fabricated by an Ink-jet Oligonucleotide Synthesizer," Nature Biotechnology 19:342-347 (2001)	
	CM	Hughes et al., "Functional Discovery via a Compendium of Expression Profiles," Cell 102:109-126 (2000)	

Examiner Signature		Date Considered	
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				Filing Date	September 27, 2004
				First Named Inventor	Benedikt Brors
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	VOSS-P01-011

	CN	Iyer et al., "The Transcriptional Program in the Response of Human Fibroblasts to Serum," Science 283:83-87 (1999)	
	CO	Khan et al., "DNA Microarray Technology: The Anticipated Impact on the Study of Human Disease," Biochimica et Biophysica Acta 1423:M17-M28 (1999)	
	CP	Lee et al., "Importance of Replication in Microarray Gene Expression Studies: Statistical Methods and Evidence from Repetitive cDNA Hybridizations," PNAS 97(18):9834-9839 (2000)	
	CQ	Lipshutz et al., "High Density Synthetic Oligonucleotide Arrays," Nature Genetics Supplement 21:20-24 (1999)	
	CR	Lockhart et al., "Expression Monitoring by Hybridization to High-density Oligonucleotide Arrays," Nature Biotechnology 14:1675-1680 (1996)	
	CS	Lockhart et al., "Genomics, Gene Expression and DNA Arrays," Nature 405:827-836 (2000)	
	CT	Newton et al., "On Differential Variability of Expression Ratios: Improving Statistical Inference about Gene Expression Changes from Microarray Data," Journal of Computational Biology 8:37-52 (2001)	
	CU	Schadt et al., "Analyzing High-density Oligonucleotide Gene Expression Array Data," Journal of Cellular Biochemistry 80:192-202 (2000)	
	CV	Schena "Genome Analysis with Gene Expression Microarrays," BioEssays 18(5):427-431 (1996)	
	CW	Schena et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray," Science 270:467-470 (1995)	
	CX	Schuchhardt et al., "Normalization Strategies for cDNA Microarrays," Nucleic Acids Research 28(10):i-v (2000)	
	CY	Shalon et al., "A DNA Microarray System for Analyzing Complex DNA Samples Using Two-color Fluorescent Probe Hybridization," Genome Research 6:639-649 (1996)	
	CZ	Spellman et al., "Comprehensive Identification of Cell Cycle-regulated Genes of the Yeast Saccharomyces cerevisiae by Microarray Hybridization," Molecular Biology of the Cell 9:3273-3297 (1998)	
	CA1	T. Beißbarth et al., "Processing and Quality Control of DNA Array Hybridization Data," Bioinformatics 16(11):1014-1022 (2000)	
	CB1	Velculescu et al., "Analysis of Human Transcriptomes," Nature Genetics 23:387-388 (1999)	
	CC1	Velculescu et al., "Serial Analysis of Gene Expression," Science 270:484-487 (1995)	
	CD1	Yue et al., "An Evaluation of the Performance of cDNA Microarrays for Detecting Changes in Global mRNA Expression," Nucleic Acids Research 29(8):1-9 (2001)	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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